

STAR Summary

(all sums reported in kiloevents)

For week 8/29 - 9/05

Total triggers: 761

Total good triggers: 619

Minimum bias: 357

Good minimum bias: 214

Central (15%): 385

Central (5%): 128

Run Summary

Total triggers: 2032

Total good triggers: 1519

Minimum bias: 761

Good minimum bias: 458

Central (15%): 844

Central (5%): 331

STAR Year 1 goals:

- *1000 Minimum bias*
- *500 Central*



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Accomplishments, 8/29 - 9/05/00

- During this week we instituted a level 3 trigger (complete event reconstruction) to suppress central events with vertices outside $Z=0\pm 80$ cm. This trigger recorded 50% more analyzable central events during the high luminosity portions of the fills, when we were bandwidth limited.
- We successfully ran the peripheral collision physics trigger. We wrote 20k events to tape from 200k triggers. Preliminary analysis showed an invariant mass peak around the ρ mass.
- We carried out a series of crucial checks including trigger tests and zero magnetic field running with data and lasers. We ran the STAR magnet at full field and completed cooling system adjustments early in the week. However, the high temperatures and dew points during the week prevented us from taking data at full field. On Monday night the weather cleared and the magnet was brought up to full field and was held there for several hours. However there was no beam.

